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VOL. XXXII, No. 3 **THIRD QUARTER 1984**

QUARTERLY ACTIVITY SUMMARY

July through September 1984

	July	August	September
Oil Produced (3rd quarter 1984)	2,472,100	2,459,750	2,408,071
Oil Produced (same months, 1983)	2,443,157	2,467,875	2,323,602
Oil Shipped from Leases	2,454,063	2,480,702	2,393,145
Average Daily Oil Production	79,745	79,347	80,269
Water Produced (Barrels)	13,121,288	13,242,460	12,726,904
Associated Gas Produced (3rd quarter 1984)	920,850	865,063	897,186
Associated Gas Produced (same months, 1983)	936,491	942,259	880,996
Natural Gas Produced (3rd quarter 1984)	2,405,163	2,718,756	2,917,924
Natural Gas Marketed (same months, 1983)	3,044,543	3,215,657	3,223,006
Drilling Permits Issued	93	84	74
Wells Completed	61	56	92
Oil Wells	28	23	34
Gas Wells	7	16	26
Dry Holes	25	16	20
Other	1	1	12
Barrels of Oil Refined	3,818,785	3,687,672	3,476,247
Oil Refined (daily average)	123,187	118,957	115,875

OIL PRODUCERS REPORT — THIRD QUARTER 1984

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Alkali Coulee	Red River	1	707	681	812	2,464
Antelope, North	Red River	3	11,426	10,844	4,804	13,832
Anvil	Nisku	1	24,584	24,315	12,099	22,236
Anvil	Ratcliffe	1	4,617	4,429	2,100	22,235
Anvil	Red River	8	57,357	56,165	49,393	30,365
Arch Apex	Sunburst	3	474	502	—	14
Arch Apex	Swift, Sunburst	1	144	207	—	43
Ash Creek SU	Shannon	4	960	969	—	5,408
Autumn	Mission Canyon	1	956	1,656	701	10,517
Bainville	Red River, Gunton	1	5,864	6,063	2,217	9,690
Bainville II	Red River	2	15,405	14,724	10,058	496
Bainville, North	Ratcliffe	1	2,456	2,328	1,871	919
Bainville, North	Red River	4	11,034	11,617	6,847	5,823
Bainville, North	Winnipegosis	3	24,349	23,860	11,071	3,218
Bainville, West	Madison	1	831	775	450	963
Bainville, West	Red River	2	2,763	2,859	3,180	3,906
Bannatyne	Swift	21	2,986	2,710	—	433
Bears Den	Swift	7	1,121	1,785	—	94
Belfry	Kootenai	1	546	440	2,343	4,034
Bell Creek	Muddy	10	4,557	4,563	601	3,999
Bell Creek (Unit "A") Secondary Rec	Muddy	69	268,200	268,040	—	3,828,579
Bell Creek (Unit "A") Tertiary Rec	Muddy	26	87,296	88,115	—	1,330,537
Bell Creek (Unit "B")	Muddy	17	45,933	45,883	—	757,188
Bell Creek (Unit "C")	Muddy	15	21,049	20,745	—	457,145
Bell Creek (Unit "D")	Muddy	20	88,800	88,656	—	474,354
Bell Creek (Unit "E")	Muddy	33	41,846	42,006	—	512,452
Bell Creek (Ranch Creek Unit)	Muddy	16	11,341	11,445	—	333,380
Benrud Area	Madison	1	7,142	7,142	6,199	15,084
Benrud, East	Nisku	3	9,760	9,822	2,587	135,012
Benrud, Northeast	Nisku	1	197	—	84	2,617
Berthelote	Sunburst	1	212	208	—	—
Big Gully	Tyler	2	599	616	—	—
Big Gully, North	Tyler	1	668	1,312	—	—
Big Muddy Creek	Mission Canyon	1	225	609	85	47
Big Muddy Creek	Ratcliffe	2	1,835	1,877	—	5,384
Big Muddy Creek	Red River	3	9,310	9,306	6,394	19,741
Big Rock Gas Field	Bow Island	0	355	414	—	—
Big Wall	Amsden	1	1,420	1,309	—	104,102
Big Wall	Tyler	5	11,669	11,117	—	313,941
Big Wall (Tyler "B" Unit)	Tyler	5	3,690	3,690	—	308,630
Black Diamond	Red River	2	7,346	10,250	—	52,962
Blackfoot	Devonian	0	62	97	—	—
B lackfoot	Madison	1	183	211	—	79
Blackfoot	Nisku	1	99	154	—	—
Blackfoot Unit	Cut Bank	0	1,290	964	—	8,218
Blackfoot Unit	Cut Bank, Madison	8	3,190	2,384	—	12,552
Bl ackleaf Canyon	Sun River	0	1,359	1,996	—	—
Bloomfield	Dawson Bay	1	11,732	12,621	7,419	312
Bloomfield	Interlake	1	7,838	7,073	4,564	1,626
Bloomfield	Red River, Interlake	1	10,757	11,165	9,334	4,518
Blue Hill	Red River	1	1,879	1,657	2,658	15,996
Blue Mountain	Red River	1	5,466	5,433	7,744	2,276
Border	Cut Bank	3	590	381	—	—
Border (Old Border Unit)	Cut Bank	8	3,470	3,410	—	80,947
Bowes (Sawtooth Unit)	Sawtooth	55	37,223	38,027	—	131,863
Box Canyon	Red River	3	4,005	3,959	1,579	10,938
Bradley	Madison	1	457	584	—	51
Bradley	Sunburst	1	308	239	—	—
Brady	Burwash	0	275	269	—	—
Brady	Morrison	2	219	220	—	218
Brady	Sunburst	6	2,665	2,627	—	—
Breed Creek	Tyler	13	30,115	29,574	421	288
Brorson	Bakken	1	1,407	1,371	813	98
Brorson	Madison	6	9,663	10,036	3,002	15,144
Brorson	Mission Canyon	2	4,871	4,837	2,233	4,673
Brorson	Ratcliffe	1	927	652	464	351
Brorson	Red River	3	6,465	6,788	9,953	5,951
Brorson, South	Mission Canyon	1	685	676	—	117
Brorson, South	Ratcliffe	0	685	676	45	177
Brorson, South	Red River	3	11,644	10,890	18,035	8,848
Brush Lake	Red River	5	20,767	21,855	15,701	34,282
Buffalo Flat	Duperow	1	17	—	—	10
Buffalo Lake	Sawtooth	1	206	—	—	—
Burget, East	Madison	1	675	868	—	617
Burget, East	Midale	1	1,584	1,533	214	1,952

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Burget, East	Mission Canyon	1	1,881	1,827	220	5,880
Burget, East	Red River	1	1,095	1,320	—	994
Burns Creek	Duperow	1	1,127	693	727	6,625
Burns Creek	Red River	1	1,145	1,260	664	4,800
Burns Creek, South	Red River	2	9,983	10,014	—	4,878
Cabin Creek	Red River	1	796	350	368	4,831
Cabin Creek (Unit#1)	Siluro-Ord	69	324,203	324,203	116,493	1,159,987
Cabin Creek (Unit #2)	Madison	9	24,886	24,886	15,024	1,273,676
Canal	Madison	4	16,076	16,271	15,524	22,294
Canal	Red River	1	3,727	3,944	6,607	1,392
Cannon Ball	Red River	1	779	490	754	2,320
Carlyle	Siluro-Ord	2	5,030	5,117	2,879	42,809
Cat Creek, Mosby Dome	Cat Creek 2	0	15	—	—	75
Cat Creek, Mosby Dome	Piper, Amsden	1	360	339	—	2,858
Cat Creek, Mosby Dome	Rierdon	1	90	—	—	—
Cat Creek, West Dome	Cat Creek 2	2	331	289	—	6,448
Cat Creek, West Dome	Ellis	1	144	147	—	10,800
Cat Creek, West Dome	Morrison	2	831	790	—	55,180
Cat Creek, West Dome	Mowry	4	28	—	—	—
Cat Creek, East Dome	Ellis	11	2,521	2,845	—	11,749
Cat Creek (Mosby Amsden)	Amsden	1	162	195	—	992
Cat Creek (Mosby Dome Unit)	Ellis	8	2,021	2,028	—	64,350
Cat Creek (Unit #1)	Cat Creek 1 & 2	21	8,060	8,058	—	278,597
Cat Creek (Unit #2)	Cat Creek 1 & 2	11	2,058	2,017	—	90,574
Charlie Creek	Duperow	1	3,299	2,932	968	7,336
Charlie Creek	Nisku	1	2,184	2,310	641	4,551
Charlie Creek, East	Red River	2	7,794	7,408	3,956	7,050
Charlie Creek, North	Bakken	1	445	465	313	62
Charlie Creek, North	Madison	1	1,091	1,119	673	535
Charlie Creek, North	Red River	0	200	249	—	1,287
Clark's Fork	Greybull	1	201	178	—	—
Clear Lake	Madison	1	2,819	2,729	2,944	8,906
Clear Lake	Nisku	2	1,812	1,739	1,768	4,210
Clear Lake	Ratcliffe	2	5,189	4,931	3,224	18,794
Clear Lake	Red River	5	26,740	26,583	20,403	31,340
Colored Canyon	Red River	6	12,669	12,789	11,851	19,809
Comertown	Duperow	0	12,290	12,792	3,087	1,468
Comertown	Nisku	4	24,006	24,414	11,327	13,464
Comertown	Ratcliffe	1	2,442	2,773	546	8,285
Comertown	Red River	5	34,778	37,459	6,702	22,169
Conrad, South	Dakota	0	208	208	—	—
Conrad, South	Morrison	6	416	417	—	398
Cow Creek	Charles	1	735	671	—	4,648
Cow Creek, East	Kibby	10	14,931	14,525	—	184,852
Crane	Devonian	4	31,177	30,951	27,269	9,545
Crane	Siluro, Ord	1	1,335	1,185	735	3,768
Crocker Springs, East	Madison	1	19	—	—	630
Crocker Springs, East	Mississippian	0	1	—	—	—
Cupton	Red River	9	21,495	21,841	3,166	67,550
Cut Bank	Cut Bank	85	44,003	44,917	48	4,468
Cut Bank	Cut Bank, Madison	2	407	409	—	9,052
Cut Bank	Kootenai	6	560	360	—	2,271
Cut Bank	Madison	42	27,303	27,464	4,890	343,747
Cut Bank	Moulton	52	42,916	42,284	34,638	6,751
Cut Bank	Sunburst	4	313	269	—	177
Cut Bank (Humble, Lander SU)	Cut Bank	1	52	52	—	2,704
Cut Bank (North Central SU)	Cut Bank	84	19,748	19,789	—	10,059
Cut Bank (North East SU)	Cut Bank	30	5,525	5,362	2,020	55
Cut Bank (North West SU)	Cut Bank	4	1,239	1,300	—	2,655
Cut Bank (South Central SU)	Cut Bank	74	39,485	39,485	—	38,520
Cut Bank (South East SU)	Cut Bank	25	6,074	6,372	1,971	129,872
Cut Bank (South West SU)	Cut Bank	128	54,213	54,178	570	558,632
Cut Bank (Tesoro SU)	Cut Bank	23	4,497	4,476	920	55,219
Cut Bank (Tweedy South SU)	Cut Bank	6	769	482	—	5,610
Cut Bank (Two Medicine SU)	Cut Bank	68	25,181	25,128	—	401,769
Dagmar	Red River	4	9,740	9,295	8,653	25,137
Dagmar, North	Madison	1	1,507	1,370	1,688	10,500
Dagmar, North	Red River	1	697	894	557	4,270
Deadmans Coulee	Nisku	4	9,366	9,222	—	236,767
Dean Dome	Greybull	4	2,629	2,754	—	—
Deer Creek	Interlake	1	982	886	468	5,307
Delphia	Amsden	2	728	600	—	—
Devils Basin	Heath	1	8	—	—	—
Diamond Point	Red River	2	16,629	17,391	13,212	26,112
Divide	Mission Canyon	2	2,317	2,573	992	21,818
Divide	Ratcliffe	7	31,320	31,359	22,578	77,257
Dry Creek	Frontier	1	527	361	—	156

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Dry Creek	Greybull	2	702	454	10,179	28
Dry Creek	Virgelle	1	848	747	13,001	1
Dugout Creek	Red River	1	358	540	139	2,945
Dwyer	Interlake	1	5,452	6,436	2,795	36,118
Dwyer	Ratcliffe	2	6,195	5,574	2,752	26,823
Dwyer	Red River	5	67,208	69,410	43,295	57,871
Dwyer (Dwyer Unit)	Charles	10	23,060	23,063	2,643	23,658
Eagle	Duperow	1	1,026	1,344	607	3,313
Eagle	Madison	15	17,151	17,828	16,290	62,816
Eagle	Mission Canyon	5	5,971	6,203	2,010	13,649
Eagle	Ratcliffe	1	2,023	1,803	—	9,638
Eagle	Red River	1	1,749	1,849	1,985	5,625
East Glacier	Green Horn	1	100	—	—	—
Elk Basin (Embar, Tensleep)	Tensleep	14	76,508	76,555	77,245	55,700
Elk Basin (Frontier Unit)	Frontier	10	1,623	1,623	—	50,046
Elk Basin (Madison Unit)	Madison	27	102,775	102,753	37,904	2,011,980
Elk Basin, NW (NW Tens. U)	Embar	0	260	260	—	6,571
Elk Basin, NW (NW Tens. U)	Tensleep	1	158	158	—	3,881
Enid, North	Bakken	2	1,126	1,484	761	47
Enid, North	Red River	3	5,003	4,651	7,316	20,750
Fairview	Interlake	1	303	—	491	4,433
Fairview	Madison	3	9,088	9,155	7,549	13,151
Fairview	Mission Canyon	3	5,251	4,858	4,875	6,909
Fairview	Ratcliffe	0	282	323	226	2,648
Fairview	Red River	8	36,395	34,947	54,031	31,090
Fairview (North West Unit)	Red River	5	24,226	23,522	43,347	10,444
Fairview, East	Red River	2	4,488	4,526	9,361	6,390
Fairview, West	Madison	1	2,916	3,065	—	2,020
Fairview, West	Ratcliffe	1	4,692	4,699	3,039	370
Fertile Prairie	Red River	5	7,844	8,165	3,111	2,230
Fiddler Creek	Greybull	2	87	—	—	—
Fishhook	Red River	4	35,599	35,938	25,071	18,217
Flat Coulee	Swift	2	899	1,225	—	29
Flat Coulee (Swift SU)	Swift	16	45,894	45,959	2,717	62,222
Flat Lake	Madison	1	1,022	908	—	2,472
Flat Lake	Ratcliffe	6	16,136	15,969	3,117	39,888
Flat Lake (East Flat Lake Unit)	Ratcliffe	37	67,610	67,503	19,209	378,412
Flat Lake (West Flat Lake Unit)	Ratcliffe	10	18,514	18,470	6,452	61,384
Flat Lake, South	Ratcliffe	5	11,364	10,986	507	36,785
Flaxville	Mission Canyon	2	2,379	2,150	3,392	22,531
Fort Gilbert	Madison	3	1,797	1,704	854	6,160
Fort Gilbert	Mission Canyon	9	15,888	15,467	11,254	48,489
Fort Gilbert	Red River	2	6,376	6,304	4,416	8,211
Four Mile Creek	Red River	1	4,294	3,607	4,021	1,945
Four Mile Creek, West	Red River	1	2,046	2,153	—	10,886
Fox Creek	Red River	1	298	—	282	745
Fox Creek	Stonewall	1	2,230	2,272	1,653	6,462
Fox Creek, North	Madison	1	1,076	1,109	135	5,650
Frannie Unit	Tensleep	1	1,749	1,749	22	78,046
Fred & George Creek (Sunburst "A")	Sunburst	15	29,391	28,866	—	776,540
Fred & George Creek	Madison	0	381	382	—	—
Fred & George Creek	Sunburst	15	4,937	6,088	—	492
Fred & George Creek	Swift	2	271	—	—	33
Frog Coulee	Red River	1	2,348	2,201	459	1,430
Froid, South	Red River	1	1,604	1,473	1,282	9,245
Gage	Amsden	3	1,143	1,278	—	172
Gas City	Madison	2	1,920	1,912	165	4,572
Gas City	Red River	1	1,256	1,353	563	652
Gas City (Gas City Waterflood)	Siluro-Ord	9	26,629	26,330	1,675	154,799
Girard	Bakken	1	1,681	1,873	—	63
Glendive	Interlake	1	7,066	7,066	318	39,282
Glendive	Madison	1	673	404	—	816
Glendive	Red River	4	7,895	7,992	1,661	74,291
Glendive	Red River, Interlake	0	1,401	1,400	114	14,174
Glendive	Siluro-Ord	6	11,448	11,362	1,713	56,772
Glendive	Stoney Mountain	2	2,442	2,466	772	17,272
Glendive, South	Red River	1	1,856	2,092	501	17,585
Golden Dome	Frontier	2	261	224	33,171	275
Golden Dome	Greybull	1	266	583	4,202	—
Goose Lake	Ratcliffe	11	19,733	19,207	7,805	184,515
Goose Lake	Red River	1	1,081	756	910	5,515
Goose Lake (North Goose Lake Unit)	Ratcliffe	20	23,166	23,262	6,275	432,962
Goose Lake, West	Red River	3	13,116	13,444	4,457	13,022
Gossett	Madison	1	2,256	2,277	2,106	11,125
Gossett	Mission Canyon	1	377	252	224	4,616
Gossett	Red River	1	6,537	6,632	2,095	9,275
Graben Coulee	Cut Bank	71	21,295	20,556	—	68,229

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Graben Coulee	Madison	4	2,834	2,692	—	—
Graben Coulee	Sunburst	10	1,200	1,257	—	440
Grandview, East	Swift	4	1,141	1,048	—	—
Grebe (Tyler SU)	Tyler	1	88	—	—	—
Green Coulee	Red River	1	2,907	3,070	—	3,950
Green Coulee East Area	Interlake	1	12,138	12,510	—	2,532
Gumbo Ridge Unit	Tyler	4	8,440	8,765	354	65,193
Gunsight	Madison	1	262	—	—	3,230
Gunsight	Mission Canyon	2	4,732	4,707	115	25,400
Gunsight	Ratcliffe	1	4,685	4,858	—	13,991
Gypsy Basin	Madison	5	4,852	4,635	—	30
Gypsy Basin	Nisku	0	78	29	—	10
Gypsy Basin	Sawtooth	2	223	246	—	15
Hardscrabble Creek	Red River	2	694	699	754	5,261
Hawk Creek	Amsden	2	131	—	—	59
Hay Creek	Interlake	2	5,452	5,362	4,334	25,730
Hay Creek	Mission Canyon	2	2,581	2,504	86	4,899
Hiawatha	Lower Tyler	0	339	348	—	5
Hiawatha	Tyler	4	5,337	5,125	342	37,058
Hibbard	Amsden	2	773	702	—	12,303
High Five	Sawtooth	0	42	41	—	31
High Five	Stensvad	8	29,255	29,400	2,672	247,686
High Five	Tyler	6	10,452	10,071	—	18,881
Highview	Madison	11	1,959	1,964	448	873
Highview	Mississippian	0	74	—	606	1,008
Honker	Red River	1	3,111	3,441	2,356	14,500
Horse Creek	Swift	1	353	353	—	150
Howard Coulee	Tyler	1	882	693	—	—
Injun Creek	Lower Tyler	1	966	957	—	—
Injun Creek	Stensvad	1	895	886	—	—
Intake II	Madison	1	137	—	—	610
Intake II	Red River	3	30,280	29,909	32,452	14,891
Ivanhoe	Amsden	1	1,447	1,402	—	276,000
Ivanhoe	Cat Creek 2	1	102	99	—	190
Ivanhoe	Morrison	1	527	504	—	3,865
Ivanhoe	Tyler	2	380	367	—	1,773
Jim Coulee Unit	Tyler	15	19,736	19,058	1,579	296,878
Jim Coulee, North	Tyler	2	1,900	1,916	114	9,422
Katy Lake	Red River	1	4,984	4,883	2,583	7,925
Katy Lake, North	Mission Canyon	2	32,469	32,708	13,545	69,157
Katy Lake, North	Nesson	1	2,214	1,856	2,400	13,756
Katy Lake, North	Red River	5	65,136	64,787	36,170	23,473
Keg Coulee	Stensvad	2	2,801	2,561	—	1,454
Keg Coulee	Tyler	2	2,831	3,239	—	—
Keg Coulee (Northwest Unit)	Tyler	1	16,262	16,132	—	—
Keg Coulee (Tyler "A" SU)	Tyler	1	1,727	1,719	22	—
Keg Coulee (Tyler "C" SU)	Tyler	7	4,200	4,200	—	60,000
Keg Coulee, North	Tyler	3	2,143	2,209	—	4,575
Kelley Unit	Tyler	2	4,784	4,981	619	31,829
Kevin Sunburst	Burwash	9	328	—	—	—
Kevin Sunburst	Cut Bank	2	320	356	—	2,685
Kevin Sunburst	Cut Bank, Madison	7	274	201	—	2,570
Kevin Sunburst	Ellis	31	1,086	1,029	—	1,215
Kevin Sunburst	Ellis, Madison	2	94	64	—	—
Kevin Sunburst	Madison	825	174,749	174,095	5,629	697,797
Kevin Sunburst	Nisku	2	467	395	—	—
Kevin Sunburst	Sunburst	24	4,464	4,253	—	5,249
Kevin Sunburst	Swift	19	1,152	794	—	—
Kevin Sunburst (Homestake SU)	Sunburst	27	12,000	12,000	—	33,000
Kevin, Sunburst (Texaco SU)	Sunburst	6	898	815	—	6,175
Kicking Horse	Sunburst	1	25	—	—	—
Kincheloe Ranch, West	Tyler	5	17,573	18,063	4,884	—
Laird Creek (Laird Creek Unit)	Swift	9	2,487	2,618	270	960
Lambert	Red River	4	10,934	10,777	16,473	33,594
Lambert, North	Red River	1	501	191	26	2,664
Lamesteer Creek	Red River	1	1,863	1,875	—	977
Landslide Butte	Madison	6	9,309	8,879	27,868	13,423
Landslide Butte	Sun River	1	617	382	—	—
Leary	Muddy	2	8,254	6,800	4,236	19,957
Ledger	Sawtooth	0	61	61	—	—
Little Beaver	Red River	2	6,159	5,901	1,820	15,310
Little Beaver	Siluro-Ord	2	1,109	979	415	6,949
Little Beaver (Cedar Creek Acu 8ba)	Siluro-Ord	25	89,950	89,950	4,475	261,663
Little Beaver, E (Cedar Creek U 8a)	Siluro-Ord	3	9,764	9,562	583	14,768
Little Beaver, E (Cedar Creek U 8bb)	Red River	0	4,937	4,332	1,400	24,068
Little Beaver, E (Cedar Creek U 8bb)	Siluro-Ord	6	19,574	17,174	3,163	86,243
Little Phantom	Sunburst	1	890	674	—	92

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Little Wall Creek	Lower Tyler	1	196	395	31	1,475
Little Wall Creek	Stensvad	1	536	450	—	—
Little Wall Creek	Tyler	24	38,220	36,967	13,500	56,526
Lodge Grass	Tensleep	1	864	669	—	—
Lone Butte	Red River	2	3,245	3,451	1,106	6,380
Lonetree Creek	Red River	9	29,021	28,076	36,304	16,015
Lonetree Creek, West	Red River	2	1,235	1,031	147	11,183
Long Creek	Charles C	1	981	897	—	387
Long Creek, West	Nisku	2	13,214	12,814	—	47,274
Lookout Butte	Red River	3	7,732	7,969	—	1,536
Lookout Butte	Siluro-Ord	2	13,802	13,802	1,649	44,939
Lookout Butte (Coral Creek U)	Madison	2	5,490	5,490	1,373	11,635
Lookout Butte (Shell Waterflood)	Siluro-Ord	26	84,569	84,569	4,980	370,350
Lost Creek	Interlake	1	700	715	140	6,772
Lowell	Red River	3	5,211	5,565	3,440	12,382
Lustre	Charles	16	69,314	67,733	9,207	112,382
Lustre	Charles C	11	84,641	81,449	5,064	71,518
Lustre	Madison	1	3,435	3,655	983	7,182
Lustre	Mission Canyon	3	24,358	24,309	3,981	10,320
Lustre	Ratcliffe	3	9,431	9,370	3,511	11,737
Mackay Dome	Greybull	3	3,127	3,119	—	78
Mason Lake	Amsden	4	17,887	18,096	—	58,044
Mason Lake	Cat Creek 1	9	3,241	3,292	—	14,526
Mason Lake	Cat Creek 3	0	104	76	—	4,800
Mason Lake, North	Amsden	1	170	177	—	68
McCabe	Ratcliffe	3	4,636	4,165	3,141	8,537
Meander	Sunburst	0	239	201	—	—
Medicine Lake	Gunton	1	12,880	12,938	10,887	122
Medicine Lake	Mission Canyon	1	10,742	10,692	8,931	5,138
Medicine Lake	Red River	6	44,994	44,750	24,775	97,077
Medicine Lake	Winnipegosis	1	3,979	3,994	581	3,029
Melstone	Tyler	3	1,987	2,217	—	35,716
Melstone (North Melstone U)	Tyler	10	38,569	38,756	19,198	54,088
Midby	Red River	1	1,542	2,124	949	17,311
Miners Coulee	Bow Island, Sunburst	1	107	—	635	13
Miners Coulee	Sunburst	2	389	587	—	155
Missouri Breaks	Red River	1	12,853	12,847	14,099	4,459
Mona	Red River	1	833	933	2,695	2,703
Monarch	Interlake	3	3,282	3,325	—	5,734
Monarch	Madison	1	85	—	—	2,386
Monarch	Red River	0	1,847	1,946	—	1,451
Monarch	Siluro-Ord	7	16,025	16,444	640	17,254
Monarch (Monarch Waterflood U)	Siluro-Ord	4	12,199	11,890	426	3,830
Mondak, West	Devonian	1	498	487	535	2,983
Mondak, West	Madison	26	68,472	66,283	54,840	131,233
Mondak, West	Mission Canyon	2	11,816	12,009	10,937	19,806
Mondak, West	Ratcliffe, Stoney Mountain, Red River	1	4,694	4,482	2,456	51,855
Mondak, West	Red River	1	13,117	12,970	14,106	4,342
Mondak, West	Siluro-Ord	3	48,681	48,211	42,972	28,110
Mondak, West	Stoney Mountain	2	8,636	8,258	7,606	1,206
Mosser Dome	Kootenai	20	3,451	3,451	—	—
Musselshell	Tyler	1	921	1,040	—	—
Mustang	Red River	3	7,653	8,882	12,453	3,479
Neiser Creek	Red River	1	10,871	10,994	6,199	30,236
Nohly	Nisku	2	44,160	44,165	25,740	235
Nohly	Red River	3	17,498	17,446	15,773	2,962
Nohly, South	Red River	1	9,137	9,367	15,149	2,255
North Fork	Madison	2	3,108	2,501	10,190	2,713
North Fork	Mission Canyon	3	3,344	3,299	3,617	6,623
North Fork	Red River	1	1,232	905	1,972	1,373
Ollie	Duperow	1	454	467	419	2,755
Ollie	Red River	1	3,009	2,975	1,041	3,540
Otis Creek	Red River	1	5,005	5,218	5,297	1,644
Otis Creek, South	Red River	3	9,199	9,050	12,844	10,567
Outlook	Duperow	1	2,149	2,223	923	1,200
Outlook	Interlake	0	4,057	4,123	1,743	212,672
Outlook	Nisku	1	914	945	392	1,200
Outlook	Red River	2	3,607	3,660	1,551	186,279
Outlook	Siluro-Ord	0	3,662	3,725	1,572	238,036
Outlook	Winnipegosis	2	4,508	4,530	1,937	303,689
Outlook, South	Winnipegosis	1	1,068	875	—	49,832
Outlook, West	Winnipegosis	2	9,239	9,133	176	26,914
Oxbow	Winnipegosis	1	8,864	8,564	6,046	1,469
Palomino	Nisku	3	31,788	31,481	1,597	151,984
Pelican	Red River	1	4,505	4,401	3,193	970
Pennel	Silurian	1	26,792	26,486	—	7,823
Pennel (Waterflood U)	Siluro-Ord	152	835,499	835,499	150,159	1,039,707

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Pete Creek	Sunburst	1	355	417	—	—
Phantom	Sunburst	1	152	342	—	12
Pine	Siluro-Ord	2	4,442	4,463	456	15,774
Pine	Stoney Mountain	1	11,778	11,780	512	111,549
Pine ("A" & "E" Units)	Siluro-Ord	80	393,251	393,517	19,996	2,197,516
Pine ("A" Unit)	Madison	2	421	428	—	109,270
Pine ("C" Unit)	Siluro-Ord	15	24,874	24,895	2,935	128,508
Plentywood	Red River	1	698	702	835	3,438
Pondera	Madison	222	82,213	81,337	—	828,078
Pondera	Sun River	115	23,433	25,438	—	—
Pondera Coulee	Madison	2	401	313	40	1,044
Pondera Coulee	Sun River	0	360	360	—	—
Poplar, East	Charles	3	2,185	2,415	—	56,142
Poplar, East	Charles B	1	421	427	—	26,443
Poplar, East	Charles C	1	1,082	1,114	—	20,885
Poplar, East	Heath	1	1,708	1,740	—	32,452
Poplar, East	Madison	41	49,325	49,929	—	1,559,611
Poplar, East	Nisku	1	656	725	—	105,428
Poplar, Northwest	Charles	11	9,559	9,521	—	125,652
Poplar, Northwest	Charles B	1	431	324	—	10,771
Poplar, Northwest	Charles C	14	68,548	68,577	25,955	86,935
Poplar, Northwest	Madison	1	929	915	—	11,196
Poplar, Southeast	Charles C	0	51	233	—	—
Prairie Dell	Sunburst	0	5	—	—	—
Prairie Dell	Swift	0	3	—	—	—
Prairie Elk	Charles C	2	2,043	1,966	—	8,724
Prichard Creek	Sunburst	4	3,022	2,966	756	32,851
Prichard Creek	Swift	1	458	395	—	—
Pronghorn Area	Red River	2	11,034	11,208	8,040	21,528
Putnam	Bakken	1	1,187	1,106	975	69
Putnam	Interlake	1	1,253	1,264	—	17,678
Putnam	Madison	3	7,474	7,899	3,568	7,295
Putnam	Mission Canyon	1	1,388	1,377	—	2,186
Putnam	Red River	10	32,797	33,050	28,550	58,642
Rabbit Hills, Northeast	Sawtooth	4	16,403	16,219	—	2,223
Rabbit Hills, Southwest	Sawtooth	1	2,772	2,575	—	19,581
Ragged Point	Tyler	1	97	—	—	—
Ragged Point (Tyler "A" Unit)	Tyler	6	1,836	1,979	—	81,218
Ragged Point, SW (SW Unit)	Tyler	11	38,162	38,074	—	21,196
Rainbow	Red River	1	3,741	3,527	3,363	10,344
Rattler Butte	Tyler	5	23,321	23,485	4,628	6,209
Rattlesnake Butte	Cat Creek 2	1	1,039	1,189	—	1,769
Rattlesnake Coulee	Sunburst	1	128	201	—	—
Raymond	Duperow	1	4,242	4,328	61,205	—
Raymond	Madison	2	1,162	1,419	186	21,991
Raymond	Mississippian	8	7,648	7,963	3,184	136,771
Raymond	Red River	2	8,561	8,532	5,078	19,089
Raymond	Winnipegosis	2	23,020	22,944	2,665	9,255
Raymond (Raymond Nisku Unit)	Nisku	1	6,522	6,592	8,148	18,957
Raymond, North	Red River	1	5,111	5,137	—	17,949
Raymond, Northeast	Nisku	1	152	247	—	5,742
Reagan (Tribal #194 U)	Madison	26	29,976	29,976	58,986	68,465
Reagan (Tribal #355 U)	Madison	29	23,456	23,456	47,620	68,306
Red Bank	Madison	2	3,267	3,469	—	8,981
Red Bank	Midale	2	10,943	10,982	453	13,723
Red Bank	Mission Canyon	7	15,083	14,306	1,742	20,478
Red Bank	Ratcliffe	3	14,062	13,943	3,314	26,673
Red Bank	Red River	3	7,946	7,500	4,187	20,649
Red Bank, South	Red River	2	12,905	13,143	8,180	8,511
Red Creek Unit	Cut Bank	1	8,698	8,697	231	186,311
Red Creek Unit	Cut Bank, Madison	10	17,882	17,881	3,443	367,287
Red Creek Unit	Madison	5	2,420	2,419	616	72,050
Red Fox	Nisku	1	497	623	147	24,353
Red Water, East	Red River	1	9,482	8,585	8,404	7,997
Redstone	Winnipegosis	1	917	700	232	3,190
Refuge	Red River	1	3,257	3,121	3,098	4,281
Repeat	Red River	1	1,300	1,160	—	13,300
Reserve	Red River	4	5,254	5,681	5,025	46,747
Reserve	Winnipegosis	2	1,037	1,214	934	43,446
Richey	Charles	3	1,961	1,945	—	6,404
Richey, Southwest	Interlake	2	557	442	454	4,238
Ridgelawn	Duperow	2	18,635	17,271	20,971	925
Ridgelawn	Madison	16	30,566	31,891	22,059	42,573
Ridgelawn	Mission Canyon	11	24,132	23,718	14,456	32,382
Ridgelawn	Ratcliffe	1	2,209	2,049	1,943	4,921
Ridgelawn	Red River	5	61,998	62,005	66,206	9,987
Riprap Coulee	Ratcliffe	5	13,094	12,737	—	13,183

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
River Bend	Red River	1	6,062	6,523	9,913	253
Rocky Point	Red River	2	16,607	16,007	19,256	1,045
Roscoe Dome	Lakota	1	404	660	—	45
Rosebud	Tyler	4	3,091	2,528	387	5
Royals	Dawson Bay	1	7,264	7,264	—	604
Rudyard	Sawtooth	0	251	780	—	1,566
Runaway	Madison	0	41	—	—	3,264
Rush Mountain	Red River	1	1,426	1,668	856	5,704
Salt Lake	Nisku	3	2,099	2,299	—	1,676
Sand Creek	Interlake	4	5,360	5,153	1,722	43,506
Second Creek	Red River	4	9,760	9,471	21,448	16,655
Sheepherder	Tyler	3	434	346	—	—
Shotgun Creek	Ratcliffe	1	14,979	14,799	—	11,727
Shotgun Creek	Red River	1	1,541	1,433	1,020	28,281
Sidney	Madison	21	31,763	31,913	22,088	70,562
Sidney	Mission Canyon	2	3,037	2,756	—	4,969
Sidney	Ratcliffe	1	4,437	4,441	1,896	7,513
Sidney	Red River	2	10,454	10,590	9,546	9,955
Sidney, East	Madison	9	11,859	11,875	7,172	17,195
Singletree	Red River	1	11,457	10,807	4,318	—
Sioux Pass	Mission Canyon	1	1,843	1,881	1,164	10,402
Sioux Pass	Red River	5	23,380	22,622	16,172	12,272
Sioux Pass, East	Red River	1	1,023	832	750	3,975
Sioux Pass, Middle	Red River	6	22,697	22,522	24,831	12,384
Sioux Pass, North	Madison	2	2,197	2,164	1,865	3,825
Sioux Pass, North	Ratcliffe	1	5,127	5,365	5,209	4,253
Sioux Pass, North	Red River	14	56,602	53,180	72,954	34,184
Sioux Pass, North	Red River, Nisku	1	2,115	2,241	2,833	822
Sioux Pass, South	Red River	2	8,149	8,292	8,991	11,964
Snyder	Tensleep	3	1,466	1,596	—	36,565
Soap Creek	Amsden	1	1,616	1,807	—	65,000
Soap Creek	Madison	23	12,212	11,857	—	344,904
Soap Creek	Tensleep	11	1,668	2,334	—	28,000
Soap Creek, East	Tensleep	3	1,997	1,889	—	61,800
South Fork	Mission Canyon	1	25	—	—	298
South Fork	Red River	2	11,183	11,154	10,974	9,480
Spring Lake	Bakken	1	2,438	2,521	1,556	—
Spring Lake	Red River	2	1,555	1,341	1,244	1,975
Spring Lake, South	Red River	1	3,365	3,337	10,871	1,537
Stampede	Red River	2	6,317	6,275	5,982	4,073
Stensvad Unit	Tyler	5	2,100	2,100	—	44,000
Sumatra	Amsden	4	1,451	1,301	—	4,894
Sumatra	Heath	1	384	317	—	—
Sumatra	Tyler	13	18,391	18,876	1,019	25,378
Sumatra (Central Sumatra SU)	Tyler	17	49,263	49,263	186	2,049,528
Sumatra (Grebe, Tyler SU)	Tyler	1	2,735	3,048	454	5,410
Sumatra (Kincheloe Waterflood U)	Tyler	16	25,808	25,044	—	273,100
Sumatra (Sawyer Waterflood U)	Tyler	3	1,222	1,069	—	4,253
Sumatra (West Sumatra U)	Tyler	8	21,055	21,055	808	731,630
Sumatra (Northeast Sumatra SU)	Tyler	5	10,700	10,700	—	194,542
Sumatra (Southeast Sumatra SU)	Tyler	16	20,413	20,110	—	217,676
Sunny Hill	Madison	1	565	550	186	777
Sunny Hill	Red River	2	2,442	2,543	427	15,940
Sunny Hill, West	Red River	1	9,302	9,521	6,618	335
Target	Madison	1	780	797	—	8,297
Target	Mission Canyon	3	7,861	7,755	315	36,906
Target	Ratcliffe	5	7,631	7,976	—	21,599
Three Buttes	Red River	2	9,151	9,816	8,364	4,803
Three Buttes	Red River, Gunton	1	776	866	1,399	3,737
Tippy Buttes	Tyler	1	4,913	5,031	1,356	158
Tule Creek	Devonian	1	5,969	6,157	—	30,650
Tule Creek	Nisku	4	13,808	14,032	1,000	206,775
Tule Creek, East	Nisku	1	1,751	1,267	2,296	84,399
Tule Creek, South	Dakota	1	945	600	445	44,864
Two Waters	Bakken	1	1,006	991	1,043	15
Two Waters	Red River	1	1,762	1,993	—	1,071
Utopia	Swift	21	9,984	10,470	—	10,522
Vaux	Interlake	2	12,427	12,800	6,975	5,228
Vaux	Madison	8	18,374	18,592	12,962	15,937
Vaux	Mission Canyon	3	3,277	3,434	2,938	3,081
Vaux	Ratcliffe	2	2,236	2,329	751	2,929
Vaux	Red River	5	34,932	34,530	31,318	18,160
Vaux	Stonewall	1	4,657	4,285	4,020	9,448
Volt	Madison	1	800	843	—	5,636
Volt	Nisku	5	14,437	14,327	—	126,697
Wagon Box	Tyler	2	1,399	1,244	—	2,537

OIL PRODUCERS REPORT — THIRD QUARTER 1984 (CONTINUED)

FIELD	FORMATION	No.of Wells	Oil Produced	Oil Shipped	Assoc. Gas Produced (MCF)	Water Produced
Wagon Trail	Red River	1	966	703	650	4,079
Wakea	Red River	2	20,020	20,039	11,544	2,031
Weed Creek	Amsden	1	700	700	150	120,000
Weldon	Kibby	1	2,331	2,337	—	311,900
West Butte	Sunburst	3	901	642	—	169
West Butte	Swift, Sunburst	0	469	508	—	4
Whitlash	Bow Island	4	55	417	—	44
Whitlash	Dakota	1	378	425	—	—
Whitlash	Sun burst	2	40	—	—	—
Whitlash	Swift	31	8,831	9,171	150	194
Whitlash	Swift, Sunburst	37	14,480	14,291	24,388	1,339
Whitlash, West	Sunburst	1	949	825	—	49
Whitlash, West	Swift, Sunburst	4	1,362	1,316	—	54
Willow Creek, North	Tyler	2	1,263	1,427	—	3,400
Willow Ridge	Burwash	4	608	611	—	—
Willow Ridge, South	Sunburst	1	26	—	—	—
Wills Creek, South	Siluro-Ord	3	7,001	7,001	1,313	21,868
Winnett Junction	Tyler	3	12,000	12,000	—	105,000
Wolf Springs	Amsden	5	2,738	3,182	3,632	246,606
Woodrow	Charles	0	1,469	1,382	366	579
Woodrow	Charles C	1	1,282	1,206	180	300
Woodrow	Interlake	1	701	701	480	7,640
Wrangler	Red River	2	13,015	12,905	9,613	13,578
Wrangler, North	Red River	1	3,138	3,306	5,083	4,341
Wright Creek	Muddy	4	2,100	2,100	2,400	12,000
Yates	Red River	2	1,515	1,646	—	5,932
Wildcat Fallon	Red River	1	1,028	1,030	810	4,162
Wildcat Garfield	Stensvad	2	4,747	4,973	—	1,742
Wildcat Garfield	Tyler	1	296	397	—	800
Wildcat Richland	Midale	1	92	204	11	1,435
Wildcat Richland	Ratcliffe	2	3,872	3,679	2,723	3,642
Wildcat Richland	Red River	2	10,006	9,965	767	2,887
Wildcat Roosevelt	Red River	2	9,540	9,365	16,770	2,040
Wildcat Roosevelt	Winnipegosis	1	4,492	4,372	2,346	965
Wildcat Sheridan	Interlake	1	7,000	7,000	—	4,000
Wildcat Sheridan	Red River	1	15,100	15,100	5,100	1,000
Wildcat Sheridan	Winnipegosis	2	65,882	65,767	2,443	90,856
Wildcat Toole	Nisku	1	1,940	2,083	—	—
Wildcat Valley, E	Charles	1	3,712	3,834	671	12,566
Wildcat Valley, E	Mission Canyon	4	3,397	2,809	1,631	31,201
Wildcat Valley, E	Ratcliffe	1	7,402	7,551	—	147
TOTAL		**4,562**	**7,339,335**	**7,319,429**	**2,716,511**	**39,110,109**

Production figures and formations have been supplied by the operators and have not been edited by the Board of Oil and Gas staff.

OIL IN STORAGE

	IN PRODUCERS FIELD TANKS	IN TRANSPORTERS STORAGE	IN REFINERS STORAGE	TOTAL IN STORAGE
December 1983	559,058	1,116,170	459,725	2,134,953
March 1984	490,254	1,451,173	591,555	2,532,982
June 1984	482,236	1,393,884	957,347	2,833,467
July 1984	478,377	1,337,368	818,134	2,633,879
August 1984	408,748	1,359,051	678,494	2,446,293
September 1984	415,271	1,338,727	533,677	2,287,675

REFINER'S REPORT THIRD QUARTER 1984

COMPANY	BEGINNING STORAGE	MONTANA OIL	N. DAKOTA OIL	WYOMING OIL	CANADA OIL	REFINED	ENDING STORAGE
Continental Oil Co.	198,391	348,507	—	1,668,518	2,216,100	4,246,862	184,654
Exxon Company	194,620	237,880	—	2,785,700	122,464	3,110,759	229,905
Farmers Union	531,882	508,566	—	769,968	1,011,219	2,715,859	105,776
Flying J Oil	5,614	—	—	—	—	—	5,614
Kenco Refining	20,910	344,633	12,802	—	—	376,404	3,333
Montana Refining Co.	5,930	531,285	—	—	—	532,820	4,395
TOTALS	**957,347**	**1,970,871**	**12,802**	**5,224,186**	**3,349,783**	**10,982,704**	**533,677**

NATURAL GAS PRODUCED
AT 14.73 PSIA AND 60°F - THIRD QUARTER 1984

FIELD	NO. OF WELLS	MCF
Amanda	7	63,031
Antelope Coulee	3	2,685
Arch Apex	30	39,179
Badlands	9	139,823
Battle Creek	26	601,957
Bears Den	1	264
Bell Creek, Southeast	1	24,949
Big Coulee	8	25,320
Big Rock Gas Field	38	114,964
Black Butte	2	24,610
Black Coulee	5	20,661
Blackfoot	9	34,334
Blackjack	2	288
Blackleaf Canyon	2	361,783
Border	1	773
Bowdoin & Area	395	606,174
Bowes	37	60,489
Bradley	1	1,942
Browns Coulee, East	2	20,715
Buffalo Flat	6	14,765
Bullwacker	40	145,276
Camp Creek	3	2,249
Canadian Coulee & Area	1	35
Canadian Coulee, North	2	27,263
Cedar Creek	92	75,850
Chain Lakes	5	2,323
Charlie Creek, North	1	13,333
Chip Creek	3	3,745
Clark's Fork	1	6,480
Coal Coulee	1	11,756
Cut Bank	181	420,861
Devon, South Unit	1	2,039
Dry Creek	11	121,477
Dry Creek, Middle	1	6,807
Dunkirk	20	34,264
Dunkirk, North	16	73,435
Eagle Springs	6	9,715
Ethridge	7	19,640
Ethridge, North	1	1,837
Fitzpatrick Lake	7	33,920
Flat Coulee	6	17,228
Fort Conrad	14	54,807
Fred & George Creek	4	7,048
Fresno & Area	7	7,540
Galata	2	17,890
Gilford, North	1	23,521
Grandview	4	8,761
Hammond	8	12,557
Hardin	40	6,149
Hardpan	14	55,394
Havre	4	85,215
Keith Area	3	1,919
Keith, East	16	42,193
Kevin Southwest	8	62,158
Kevin Sunburst	55	195,257
Kevin Sunburst, Nisku & A	1	14,028
Lake Basin	22	61,293
Lake Basin, North	1	618
Ledger	42	68,059
Leroy	33	168,664
Liscom Creek	7	23,263
Little Rock	10	19,273
Lohman	7	61,295
Loring Unit	12	236,499
Loring, East	73	171,892
Middle Butte	4	12,280
Miners Coulee	16	48,182
O'Briens Coulee	14	52,861
Old Shelby	11	64,110
Phantom	3	3,537
Phantom, West	2	38,339
Prairie Dell	16	197,751
Rapelje	15	23,594
Rattlesnake Coulee	1	1,403
Red Rock	7	34,121
Rocky Boy Area	7	7,629
Rudyard	7	63,730
Sage Creek	3	2,205
Sawtooth Mountain & Area	24	68,247
Sherard	49	126,298
Soberup Coulee	1	81
Spring Coulee	3	93,908
Strawberry Creek Area	1	26
Swanson Creek	58	202,335
Sweetgrass	2	38
Three Mile	5	73,746
Tiber	7	11,205
Tiber, East	5	49,711
Tiger Ridge	254	1,993,720
Tiger Ridge Area	1	14,800
Tiger Ridge, North	1	840
Trail Creek	8	31,241
Two Forks	1	67
Utopia	7	25,208
Vandalia	8	18,583
West Butte	2	9,328
West Butte Shallow Gas	2	6,546
Whitewater, East	1	7,768
Whitlash	15	55,233
Whitlash, West	10	10,973
Williams	16	46,614
Willow Ridge	15	52,053
TOTAL NATURAL GAS	**1,981**	**8,041,843**

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